APPENDIX "A"

11/29/94
Test Methods and Compliance Procedures:
General Provisions.

a. Test methods. The owner or operator of any volatile organic compound (VOC) source required to comply with Section 10 through Section 50 of this regulation shall, at the owner's or operator's expense, demonstrate compliance by using the methods of **Appendix "A"** through **Appendix "G"** of this regulation or alternative methods that are approved by the Department as part of a State Implementation Plan (SIP) or Federal Implementation Plan (FIP) revision and shall meet all the requirements of this Section.

b. Preparation of test plan and quality assurance (QA) program. At least 30 days before the initiation of a required test under **Appendix "D"** of this regulation, the owner or operator shall submit a test plan that shall be approved by the Department before the results of the test are considered acceptable. This test plan shall include the following minimum information:

1. The purpose of the proposed test and the applicable subSection of Section 13 through Section 43 of this regulation.

2. A detailed description of the facility to be tested, including a line diagram of the facility, locations of test sites, and facility operation conditions for the test.

3. A detailed description of the test methods and procedures, equipment, and sampling sites, i.e., a test plan which includes a detailed description of the process and control device operating parameters to be collected during the test.

4. A timetable for the following:

   i. Date for the compliance test.

   ii. Date of submittal of preliminary results to the Department (not later than 60 days after sample collection).

   iii. Date of submittal of final test report (not later than 90 days after completion of on-site sampling).

5. Proposed corrective actions should the test results show noncompliance.

6. Internal QA program. The internal QA program shall include, at a minimum, the activities planned by routine operators and analysts to provide an assessment of test data precision. An example of internal QA is the sampling and analysis of

replicable samples.

7. External QA program.

i. The external QA program shall include, at a minimum, application of plans for a test method performance audit (PA) during the compliance test.

ii. The external QA program may also include systems audits, which include the opportunity for on-site evaluation by the Department of instrument calibration, data validation, sample logging, and documentation of quality control data and field maintenance activities.

iii. The PA's shall consist of blind audit samples provided by the Department and analyzed during the compliance test to provide a measure of test data bias.

A. The Department shall require the owner or operator to analyze QA samples during each compliance test when audit samples are available.

B. Information concerning the availability of audit materials for a specific compliance test may be obtained by contacting the Department.

C. The evaluation criteria applied to the interpretation of the PA results and the subsequent remedial actions required of the owner or operator are the sole responsibility of the Department.

c. Process operation. The owner or operator shall be responsible for providing:

1. Sampling ports, pipes, lines, or appurtenances for collecting samples and data required by the test methods and procedures.

2. Safe access to the sample and data collection locations.

3. Light, electricity, and the utilities required for sample and data collection.

d. Summary of results. No later than 60 days after the sample collection, the owner or operator shall submit preliminary results to the Department.

e. Final report. No later than 90 days after completion of the on-site sampling, the owner or operator shall submit a test report to the Department. The test report shall include the following minimum information:

1. Process description.

2. Air pollution capture system and control device description.

3. Process conditions during testing, to include operating data for the air pollution control devices (APCD).

4. Test results and example calculations.

5. Description of sampling locations and test methods.

6. QA measures.

7. Field and analytical data.